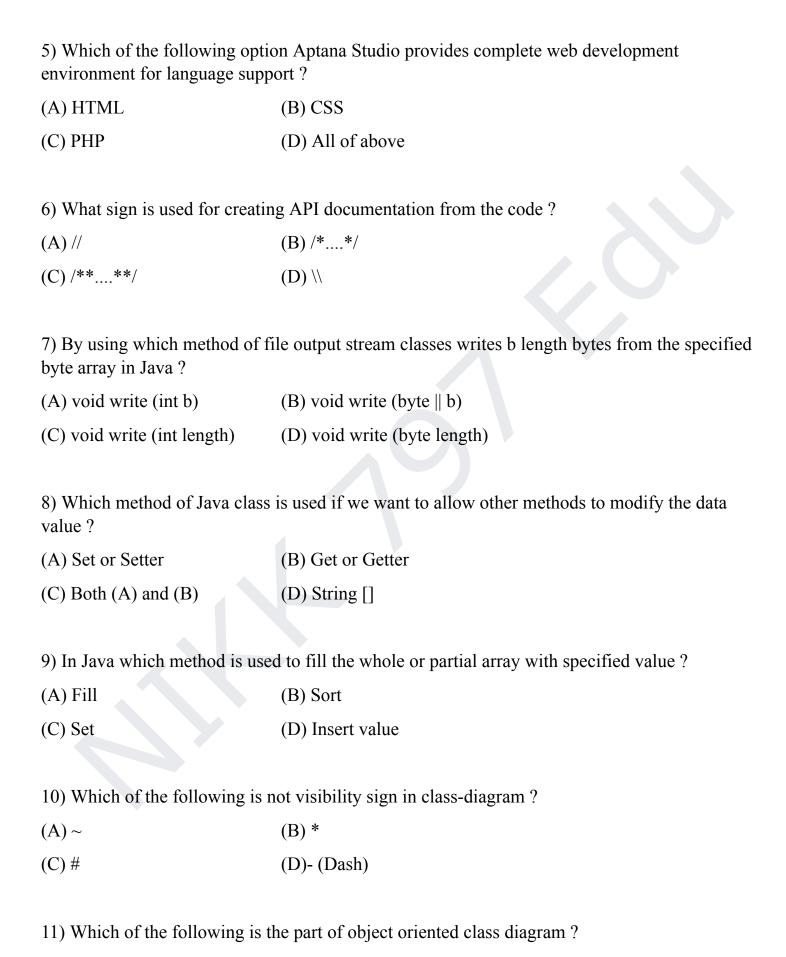# GSEB

Class 12

Computer Paper – 2015

(Science Stream)

1) What is useful when same operations are to be performed on various elements of the similar type in Java ?

(A) Array
(B) String
(C) If ...... then
(D) While

2) Which of the following softwares are the examples of open source IDE's?

(A) KompoZer
(B) Eclipse
(C) JBuilder
(D) All of above

3) Which of the following method sends the data as a block through the HTTP transaction ?

(A) GET
(B) POST
(C) FTP
(D)HTTPS

4) Which of the following allows specifying styles for the visual elements of the website ?

(A) Cascading Style Sheets
(B) Web Page
(C) Animation
(D) Form

5) Which of the following option Aptana Studio provides complete web development environment for language support ?

(A) HTML

(B) CSS

(C) PHP

(D) All of above

6) What sign is used for creating API documentation from the code ?

(A) //

(B) /*....*/

(C) /**....**/

(D) \\

7) By using which method of file output stream classes writes b length bytes from the specified byte array in Java ?

(A) void write (int b)

(B) void write (byte || b)

(C) void write (int length)

(D) void write (byte length)

8) Which method of Java class is used if we want to allow other methods to modify the data value ?

(A) Set or Setter

(B) Get or Getter

(C) Both (A) and (B)

(D) String []

9) In Java which method is used to fill the whole or partial array with specified value ?

(A) Fill

(B) Sort

(C) Set

(D) Insert value

10) Which of the following is not visibility sign in class-diagram ?

(A) ~

(B) *

(C) #

(D)- (Dash)

11) Which of the following is the part of object oriented class diagram ?

(A) Data Encapsulation   (B) Data Abstraction

(C) Polymorphism   (D) All of above

12) In object-oriented methodology, the focus is on which of the following entitles?

(A) Data   (B) Functions

(C) Objects   (D) All of above

13) What is called when all browsers are split in to different parts or objects that can be accessed using Java Script ?

(A) Browser Object Model   (B) Browser Object Menu

(C) Browser Oriented Model   (D) Browser Oriented Menu

14) Which of the following is the famous website for online auction ?

(A) www.ebay.com   (B) www.mybids.in

(C) www.ubid.com   (D) All of above

15) n inheritance model refers to which of the following relationships ?

(A) 'is-a' relationship   (B) 'has-a' relationship

(C) 'a-part-of' relationship   (D) All of above

16) What enables to represent and protect data in which implementation details are hidden ?

(A) Data Encapsulation   (B) Data Abstraction

(C) Both (A) and (B)   (D) Message

17) Which of the following reserved character in LaTeX ?

(A) %   (B) @

(C) ABC   (D)123

18) Which of the following softwares gives permission to make different projects, analyzes all projects data 'and creates a project portfolio view ?

(A) Rational Plan

(B) Barplot

(C) Chart

(D) Grapha

19) In Exceptional handling in Java, which is the syntax of the try block ?

(A) try

{

// set of statements

}

(B) try

[

/ set of statements

]

(C) try

<

/ set of statements

>

(D) try

(

//set of statements

)

20) In M-Commerce, which of the following starting address indicates that site is secured by SSL protocol ?

(A) http://

(B) ssl://

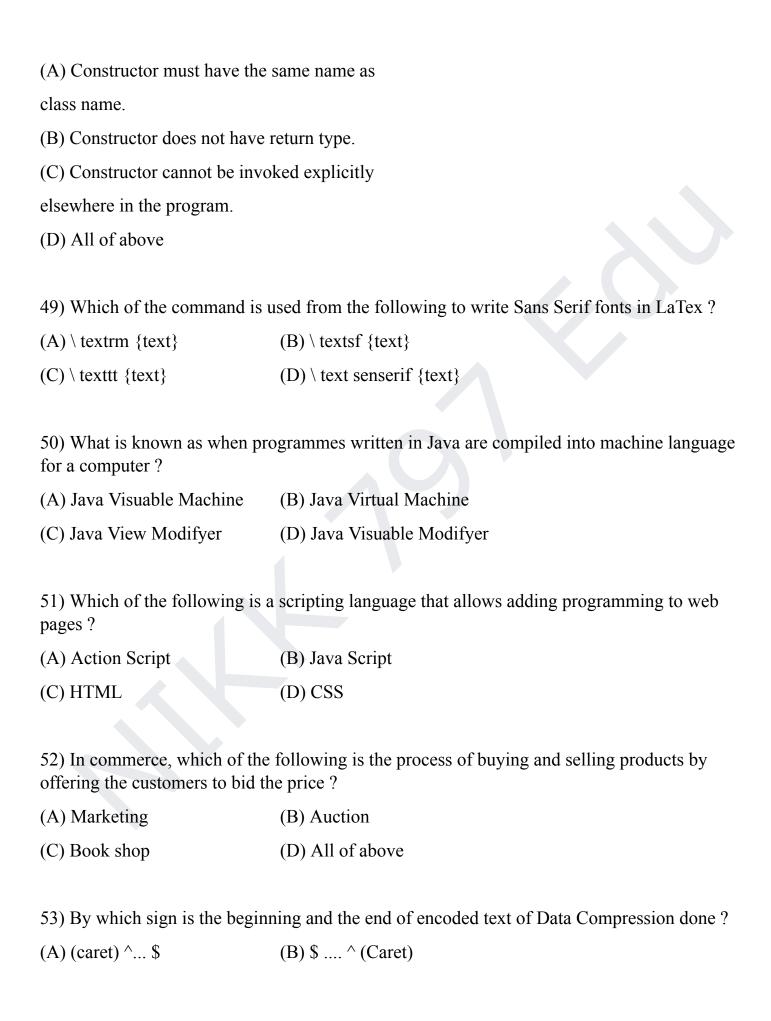(C) https://   (D) https-ssl://

21) Which of the following begins with \begin { name } and ends with \ends { name } in LaTeX ?

(A) group   (B) section

(C) environment   (D) preamble

22) Which command is used to quit from R ?

(A) quit ()   (B) q()

(C) exit ( )   (D) close ()

23) Which of the following E-Commerce business model refers to activities between different business partners ?

(A) G2B   (B) C2B

(C) B2B   (D) B2C

24) Which of the following is not a limitation of M-Commerce ?

(A) Mobile devices have limited computing

power, memory and storage capacity.

(B) M-Commerce 'operates over wireless

networks.

(C) High cost of establishing mobile and

wireless broadband infrastructure.

(D) Mobile device enables the user to be

contacted at virtually any time any where.

25) Which of the following blocks contains the code that is intended to handle exceptions of a particular type that were created in the associated try block in Java Exception handling?

(A) finally   (B) start

(C) catch   (D)stop

26) Which of the following refers to a collection of data stored on a non-volatile device in a computer system ?

(A) RAM   (B) Application

(C) Volatile data   (D) Hard-Disk

27) which aspect in M-Commerce security ensures that the information must not be accidently or maliciously altered or tampered in transit ?

(A) Confidentiality   (B) Integrity

(C) Authorization   (D) Non-repudiation

28) In Java, which of the following looping is exit controlled ?

(A) For   (B) While

(C) do......while   (D) if....then....else

29) To make a string object which of the following constructors is used to create a string object using 1-D ary argument starting at ary [start] with len number of characters ?

(A) String(char ary [ ], int start, int len)

(B) String(int start, int length)

(C) String(int length, int start)

(D) String(char ary [ ], intlen)

30) Which menu option is used to add input text field in form field properties dialog box?

(A) Format —> Form —> Form Field

(B) View —> Form Field

(C) Insert —> Form —> Form Field

(D) Table —> Form —> Field Form

31) Which of the methods of string class returns an array of characters as bytes from invoking string in Java ?

(A) int length ( )   (B) byte [] get bytes ()

(C) int bytes [ ]   (D) get bytes [ ]

32) What type of value is returned when we use get method of calendar class with constant DAY_OF_WEEK as an argument in Java?

(A) int   (B) char

(C) string   (D)boolean

33) 'Which of the following element allows multi-line text input in HTML KompoZer form?

(A) Textarea   (B) Multiline

(C) Insert Row   (D) Insert Column

34) How can we separate the product name, price, quantity and amount save as string in variable ?

(A) : (Colon)   (B) ; (Semicolon)

(C) , (Comma)   (D) . (Full dot)

35) Which method of scanner class of Java, scans the next token of the input as line ?

(A) boolean hasNext ( )   (B) int nextInt ( )

(C) float nextfloat ()   (D) string nextline ( )

36) Which work can be done in file or directory in Java file class ?

(A) Create

(B) Rename

(C) Delete

(D) All of above

37) Which of the following is a collection of interlinked web pages ?

(A) Web Page

(B) Form

(C) KompoZer

(D) Website

38) In Java, which of the following is not allowed as first character in valid variable name?

(A) _ (Underscore)

(B) Digit

(C) Letter

(D) $(Dollar)

39) Which of the following statements indicates the method in Java Script?

"document.write("Hello Students")

(A) document

(B) write

(C) Hello Students

(D) ("Hello Students")

40) How can you identify this facility in E-Commerce when software vendors (seller) also allow their licensed customers to download the recent update of the software?

(A) Information Services

(B) Support Services

(C) Online Services

(D) Online Support Services

41) How is the general syntax of CSS defined ?

(A) Selector {Property : Value}

(B) Selector [Property : Value]

(C) Selector (Value : Property)

(D) Selector <property : Value>

42) In Java, by using which sign 1-D array is initialized to separate values of data elements in braces { } ?

(A) . (Full stop)　　　　　　　(B) : (Colon)

(C) ; (Semicolon)　　　　　　　(D) , (Comma)

43) What is another kind of Blue Griffon HTML editor in open source ?

(A) WYSIWYG　　　　　　　(B) GYWSIY

(C) YSIWYG　　　　　　　(D) IIWYGSYW

44) Which attributes are used to indicate the field specify default value in HTML ?

(A) type　　　　　　　(B) name

(C) value　　　　　　　(D) all of above

45) In Java class, from the following which key word is used to call the constructor of super class in the constructor of sub class ?

(A) extends　　　　　　　(B) super

(C) name of the super class　　　(D) new

46) In Java, which method is invoked automatically with creation of an object ?

(A) Instance method　　　　　　(B) Constructor

(C) Class method　　　　　　(D) All of above

47) By using which option in table properties dialog box a title is given in KompoZer ?

(A) Table Handling　　　　　　(B) Caption

(C) Table Name　　　　　　(D) Create Table Name

48) How does the Constructor differ from general method in Java ?

(A) Constructor must have the same name as class name.

(B) Constructor does not have return type.

(C) Constructor cannot be invoked explicitly elsewhere in the program.

(D) All of above

49) Which of the command is used from the following to write Sans Serif fonts in LaTex ?

(A) \ textrm {text}

(B) \ textsf {text}

(C) \ texttt {text}

(D) \ text senserif {text}

50) What is known as when programmes written in Java are compiled into machine language for a computer ?

(A) Java Visuable Machine

(B) Java Virtual Machine

(C) Java View Modifyer

(D) Java Visuable Modifyer

51) Which of the following is a scripting language that allows adding programming to web pages ?

(A) Action Script

(B) Java Script

(C) HTML

(D) CSS

52) In commerce, which of the following is the process of buying and selling products by offering the customers to bid the price ?

(A) Marketing

(B) Auction

(C) Book shop

(D) All of above

53) By which sign is the beginning and the end of encoded text of Data Compression done ?

(A) (caret) ^... $

(B) $ .... ^ (Caret)

(C) "..."   (D) /.../

54) In which part is the online payment through credit card on internet divided ?

(A) Authorization   (B) Settlement

(C) Both (A) and (B)   (D) Smart Card

55) What is known as post decrement in Java when operator is used after variable name ?

(A)++   (B)--

(C)==   (D)=<

56) In M-Commerce, who issues the credit card and guarantees the payment to the merchant ?

(A) Merchant   (B) Issuing bank

(C) Acquiring bank   (D) Customer

57) Which of the following E-Commerce business model refers to online non-commercial communication between the government agencies, organizations and departments with other government agencies, organizations and departments ?

(A) B2B   (B) C2B

(C) G2G   (D) C2C

58) Which stream is used to make text files and programme codes in Java ?

(A) byte-stream   (B) binary stream

(C) character stream   (D) input stream class

59) Which of the following file name is the home page of the website saved as ?

(A) first.html   (B) index.html

(C) home.html   (D) main.html

60) What is called the most commonly used network protection barrier between the company's network and the outside world ?

(A) Firewall   (B) Antivirus Software

(C) Digital Certificate   (D) Cryptography

61) Which of the following is a variable that is stored on the user's computer ?

(A) Real   (B) Integer

(C) Cookie   (D) Temp File

62) By which method of file class in Java returns true if the directory exists, otherwise returns false ?

(A) boolean exists ()   (B) boolean isFile ()

(C) boolean isDirectory ()   (D) String [] list ()

63) In Java, if 'str' is the object of string class and its content is "Thank God", then what is the value of str. length ( ) ?

(A) 9   (B) 10

(C) 8   (D) 11

64) Which menu option is used in LaTeX file if the compilation was successful?

(A) Tools —> Build   (B) Tools —> Go

(C) Format —> Build   (D) Insert —> Build

65) In Java, which statement is true for 'Exceptional Handling'?

(A) try   (B) catch

(C) finally   (D) all of above

66) By using which package of LaTeX can we add programming code within the document?

(A) easy list   (B) set programming

(C) listings   (D) set space

67) Which tab is used to design (format) the web page in KompoZer?

(A) Design   (B) Split

(C) Source   (D) All of above

68) Which of the following statement isn't a disadvantage of CSS ?

(A) Style cannot be displayed as per the users design.

(B) Some of the style sheet features are not supported by the browser. |

(C) Both (A) and (B)

(D) CSS has less Code compared to that in HTML.

69) By using which extension file java interpreter byte code executes ?

(A) java   (B) .class

(C) .txt   (D).Html

70) How many levels of visibility are used to protect a method or variable from such references in Java?

(A) 1   (B) 2

(C) 3   (D) 4

71) In Java, how can be array elements accessed using index for each dimension in?

(A) []   (B) ()

(C) {}   (D)< >

72) From which of the following operators can we access instance variables and. instance methods ?

(A) , (Comma)   (B) . (Full stop)

(C) : (Colon)   (D) ; (Semi colon)

73) In Java class, in which step a new keyword is used to create the object by allocating memory?

(A) Declaration   (B) Instantiation

(C) Initialization   (D) All of above

74) In Java, which statement is used when there are many alternative actions to be taken depending upon the value of a variable or expression ?

(A) Switch Statement   (B) Nested - if Statement

(C) Control Statement   (D) Repetitive Statement

75) What kind of the primitive data types are provided in Java from the following ?

(A) boolean   (B) double

(C) char   (D) all of above

76) In Java, by which component is the class generally made up of ?

(A) Attributes   (B) Behaviour

(C) Both (A) and (B)   (D) Variable

77) How many parts are there in LaTeX document ?

(A) 1   (B) 2

(C) 3   (D)4

78) Which element is used to create a drop down list or menu in a form in HTML?

(A) <select> .... </select>

(B) <option> .... </option>

(C) <pulldown> .... </pulldown>

(D) <body> .... </body>

79) Which menu option is used to insert a horizontal line in KompoZer ?

(A) Insert —> Horizontal Line

(B) Insert —> Vertical Line

(C) Format —> Horizontal Line

(D) Format —> Vertical Line

80) What is the value of float data type in Java ?

(A) Integer   (B) Real

(C) Character   (D) Boolean

81) In Java, what can be controlled by using the method and properties of document object ?

(A) Web Page   (B) Web Browser

(C) Document   (D) All of these

82) In Java, what will be the result of arithmetic expression -7.5%2 ?

(A)-3   (B)-15

(C) 15   (D) Error

83) What do you need first to sell an item through an online auction site ?

(A) Document   (B) Agreement

(C) Register   (D) Database

84) In Java, by using which of the following methods of comparing string returns '>0' integer if invoking string is greater than ?

(A) boolean equals (string str)

(B) boolean compare to (string str)

(C) int compare to (string str)

(D) int compare to ignore (string str)

85) Which online stores in india becoming quite popular of E-Commerce from the following ?

(A) PayTM   (B) Domino

(C) Flipcart   (D) All of these

86) What is called new class in object oriented terminology ?

(A) sub class   (B) child class

(C) derived class   (D) all of these

87) What can be used to create models of object oriented software to help with design of an application ?

(A) Unified Modelling Language

(B) Unified Modelling Linux

(C) Unified Manufacturing Linux

(D) Unified Manufacturing Language

88) Which of the following elements is not included in try block in Java ?

(A) the keyword try

(B) the keyword catch

(C) the curly braces

(D) statements that might cause exceptions

89) What object oriented programme, attributes that describe the object are known ?

(A) Behavior   (B) Method

(C) Data-field   (D) State

90) What is called a reusable block of code that performs a particular task?

(A) Function   (B) Code

(C) Programming   (D) All of these

91) Which option consists of a property associated with the HTML element and corresponding value in CSS rule?

(A) General   (B) Aural

(C) Lists   (D) All of above

92) Which program is used to enter unicode characters into any application?

(A) Character Display   (B) Character Insert

(C) Character Map   (D) Character Select

93) How do you identify the variable which is define with in a class, out-side any method with the static key word in Java?

(A) Local variable   (B) Instance variable

(C) Class variable   (D) None of above

94) In VLC media player which menu option is used to convery multimedia files from one format to another?

(A) Format -> Convert/Save   (B) Tools -> Convert/Save

(C) Media -> Convert/Save   (D) Insert -> Save -> Convert

95) In Java, which of the advantages of Exception handling in object oreiented programming languages?

(A) It allows us to maintain normal flow of program

(B) It allows writing separate error handling code from the normal code

(C) Assertions can be used to debug the program before deploying it to the clients

(D) All of these

96) In Java, array what is the process of making an object used to manage list of items?

(A) Declare an array object   (B) Create an array object

(C) Both (A) and (B)   (D) Define Object Method

97) In Java, in how many categories can errors classified ?

(A) 1   (B) 2

(C) 3   (D) 4

98) Which option is used by check box to keep the option checked when the form loads in web page ?

(A) Select Initially   (B) Initially checked

(C) Show Initially   (D) Display Initially

99) In Java, which of the following defines attributes and methods ?

(A) Class   (B) Object

(C) Instance   (D) Variable

100) Which Java Script event is exented when an element such as a radio button becomes inactive ?

(A) blur()   (B) abort()

(C) unload()   (D) load()